

Table 3

Recommended New Airports

Location	Additional Population Served	Additional Percentage of 2010 Population Served
Franklin County	124,900	1.63
Lexington	40,600	0.53
Northern Neck	19,100	0.24

Source: HNTB Analysis

Alternative 3 – Condensed System

There are several airports that serve significantly redundant service areas. These include:

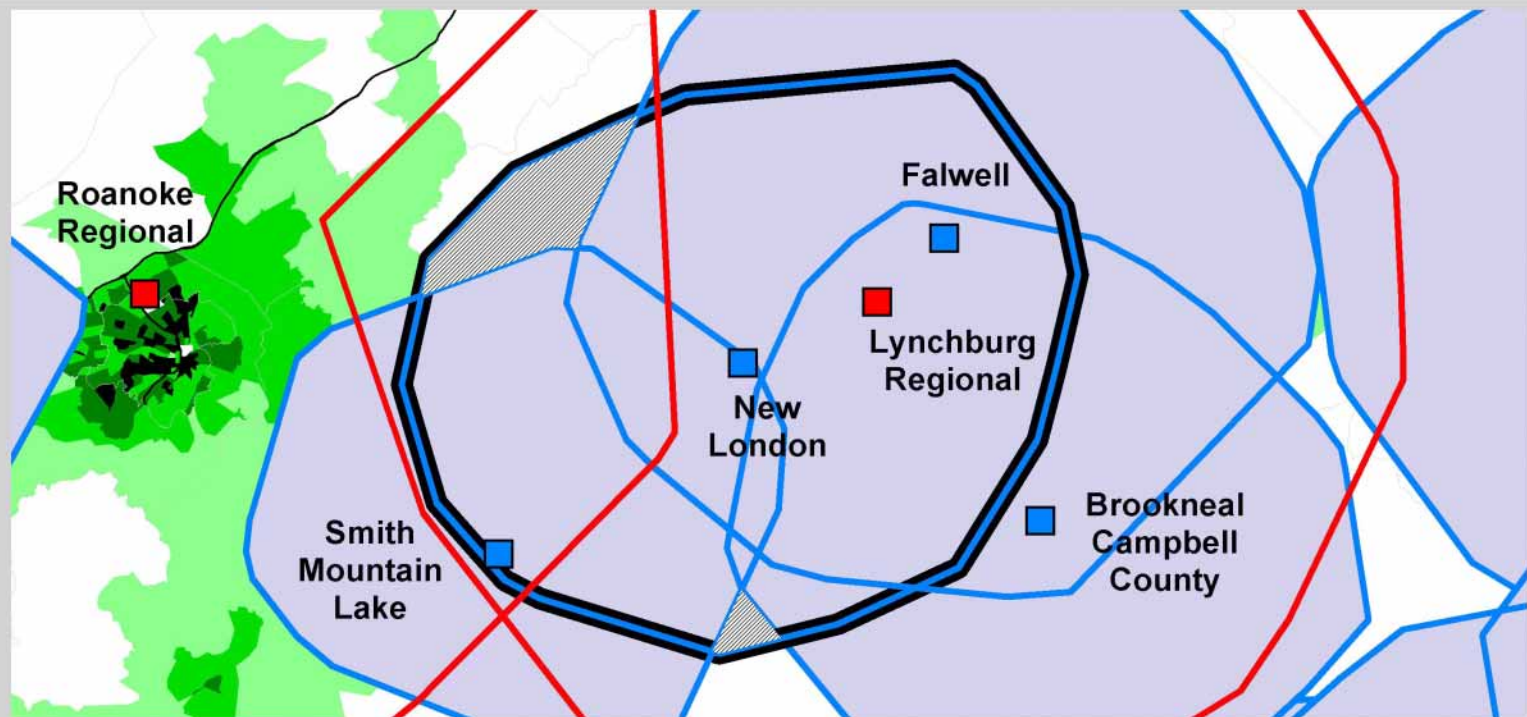
- Š **New London** – As shown in Exhibit 11, New London Airport shares its service area with Smith Mountain Lake, Falwell, and Brookneal Campbell County. It only exclusively serves the small area in the far northwest corner of its service area.
- Š **Lake Anna** - As shown in Exhibit 12, Lake Anna shares its service area with Stafford Regional, Hanover County Municipal, Shannon, Louisa County, Orange County, and Gordonsville Municipal airports. It only serves exclusively a very small triangle near the center of its service area.
- Š **Lunenburg County** - As shown in Exhibit 13, Lunenburg County shares its service area with Farmville Regional, Mecklenburg Brunswick Regional, Lawrenceville-Brunswick, Marks Municipal, Chase City Municipal, Blackstone Municipal, and Crewe Municipal airports. Its exclusive service area is an extremely small parcel at the north-northwest boundary of its service area.
- Š **New Market** - As shown in Exhibit 14, New Market shares its service area with Front Royal-Warren County, Luray Caverns, and Bridgewater Air Park. It does exclusively serve a sparsely populated area near its north-northwest service area border.
- Š **Hartwood** - As shown in Exhibit 15, Hartwood shares its service area with Warrenton-Fauquier, Culpeper County, Stafford Regional, Shannon, Orange County, and Manassas Regional airports. It has no exclusive service area.



VIRGINIA AIR TRANSPORTATION SYSTEM PLAN

ALTERNATIVE 3 - CONDENSED SYSTEM - NEW LONDON AIRPORT

Alt - Exhibit 11



45 Minute Commercial Service Travel Time
30 Minute General Aviation Travel Time

Commercial Service Airport
General Aviation Airport

2000 Population Per Square Mile
0 - 50
51 - 150
151 - 1,500
1,501 - 3,000
3,001 - 64,000

10 0 10 Miles



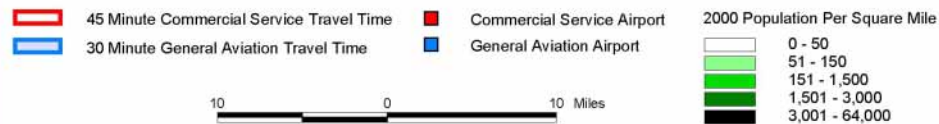
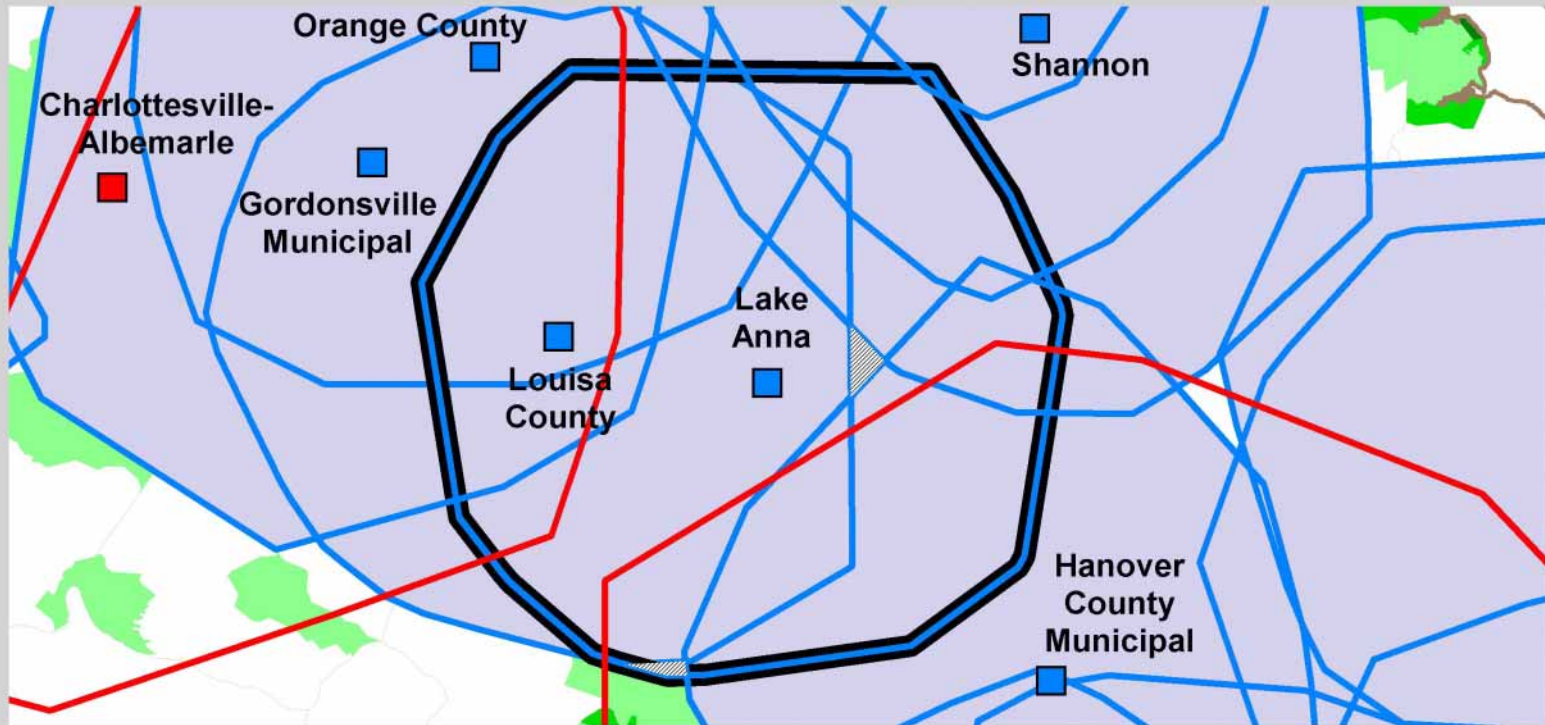
Source: HNTB Analysis



VIRGINIA AIR TRANSPORTATION SYSTEM PLAN

ALTERNATIVE 3 - CONDENSED SYSTEM - LAKE ANNA AIRPORT

Alt - Exhibit 12



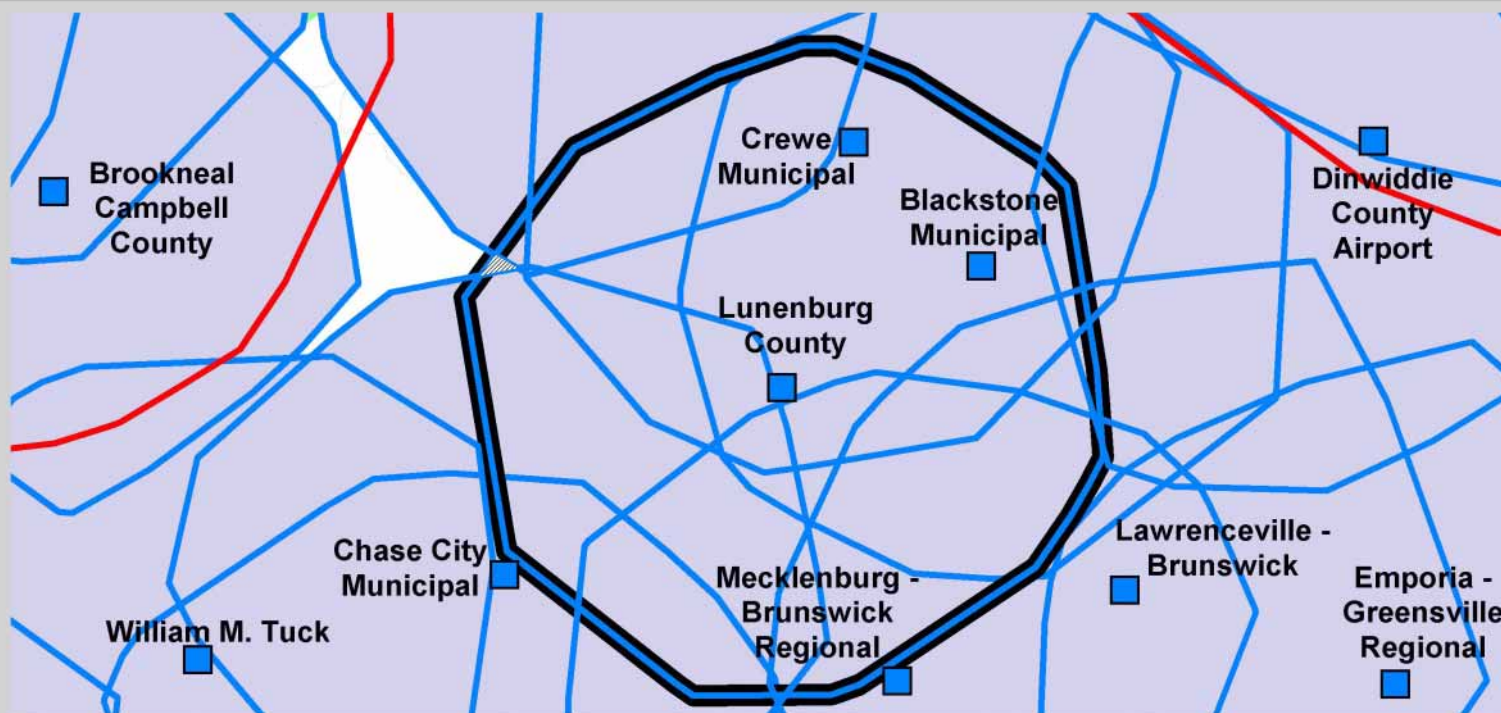
Source: HNTB Analysis



VIRGINIA AIR TRANSPORTATION SYSTEM PLAN

ALTERNATIVE 3 - CONDENSED SYSTEM - LUNENBURG COUNTY AIRPORT

Alt - Exhibit 13



45 Minute Commercial Service Travel Time
30 Minute General Aviation Travel Time

Commercial Service Airport
General Aviation Airport

2000 Population Per Square Mile
0 - 50
51 - 150
151 - 1,500
1,501 - 3,000
3,001 - 64,000

10 0 10 Miles



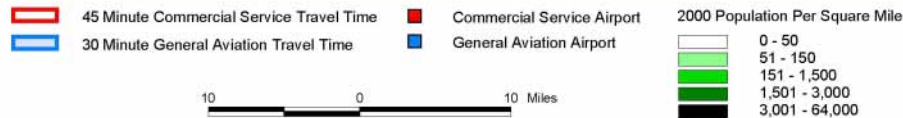
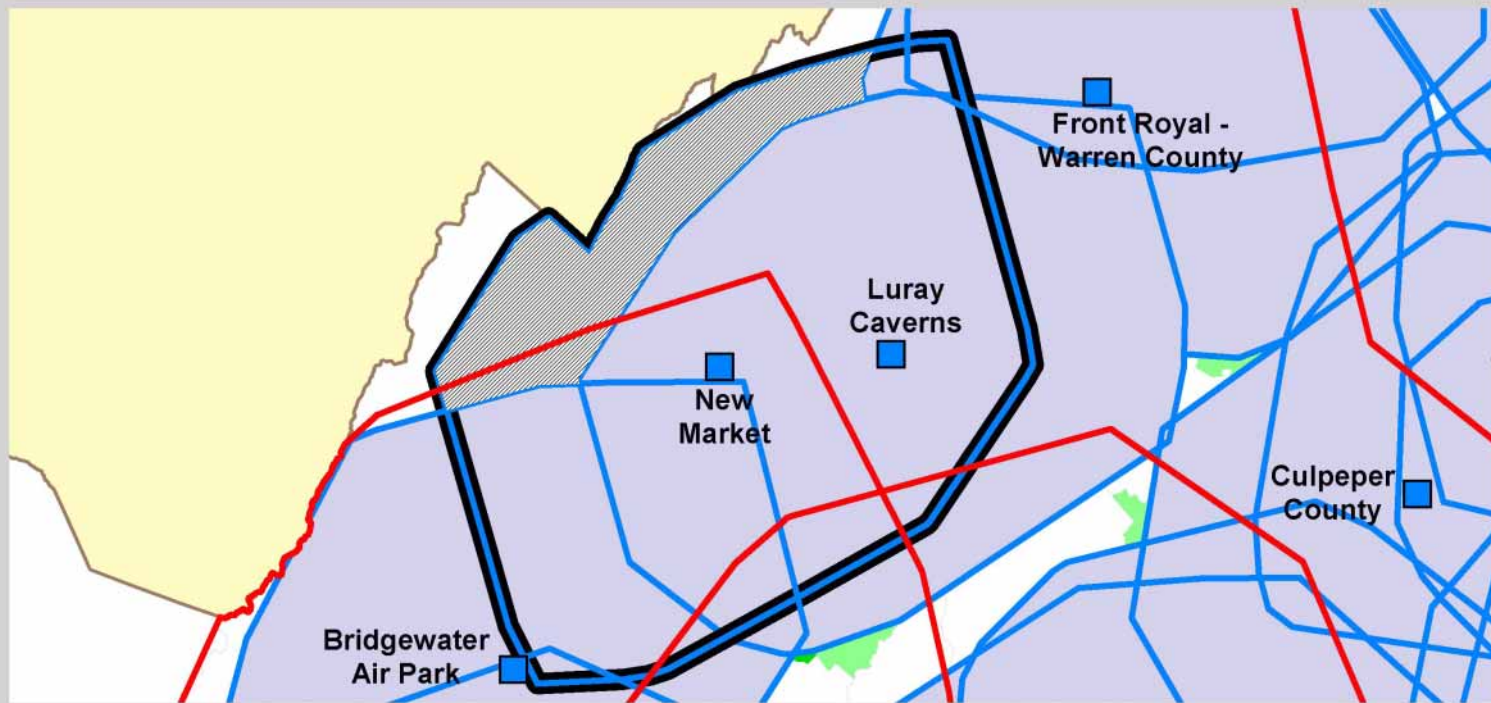
Source: HNTB Analysis



VIRGINIA AIR TRANSPORTATION SYSTEM PLAN

ALTERNATIVE 3 - CONDENSED SYSTEM - NEW MARKET AIRPORT

Alt - Exhibit 14



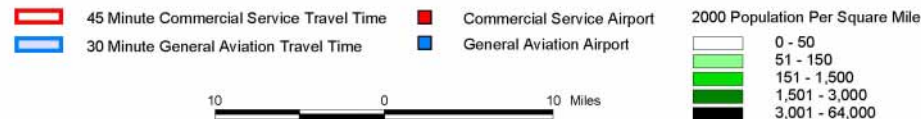
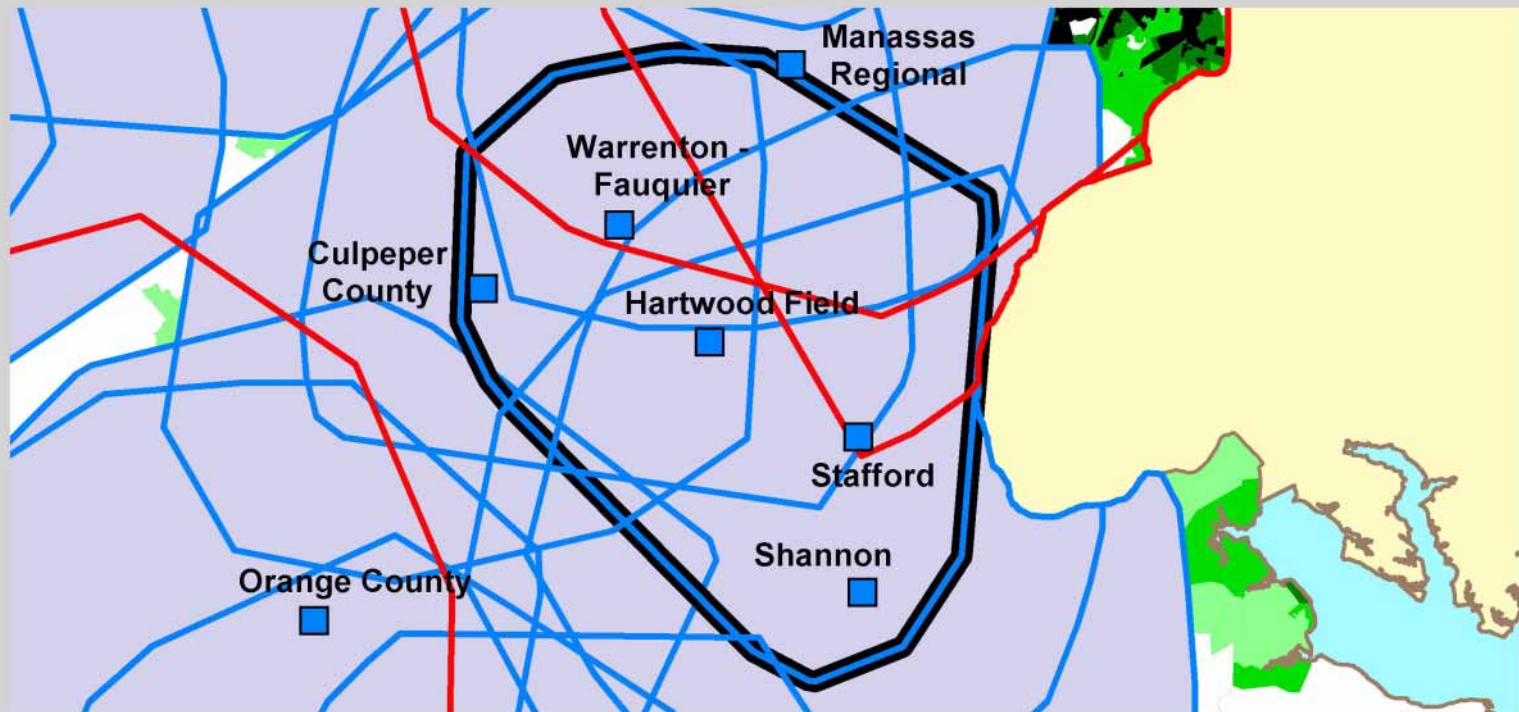
Source: HNTB Analysis



VIRGINIA AIR TRANSPORTATION SYSTEM PLAN

ALTERNATIVE 3 - CONDENSED SYSTEM - HARTWOOD FIELD

Alt - Exhibit 15



Source: HNTB Analysis